

Work Order ID 86549

Thursday, July 05, 2012 8:32:45 AM

86549**PRELIMINARY ISSUE**

Page 1

Item ID: D4379-3

Accept

N900040100Setup Start ***NS1***

Revision ID: PRELIM

Stop ***NS2***

Item Name: Wearplate Cup

Start Date: 7/6/2012 Start Qty: 26.00

26

Cust Item ID:

Required Date: 7/16/2012 Req'd Qty: 26.00

26

Customer:

Reference:

7/12-07-06

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Run Start ***NR1***Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

D4379

PB1

0.00

100

100

Doosan

0.00

Doosan Lathe

Memo

turn as per Dwg and folio FB121

Dwg Rev: *PB1*FOLIO REV: *12/7/9*

Deburr

110

QC2- Inspect parts off machine FAI/FAIB

0.00

110

QC

0.00

Quality Control

Memo

12/7/9

Work Order ID 86549***86549***

Page 2

Thursday, July 05, 2012 8:32:45 AM

Item ID: D4379-3 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: PRELIM Stop ***NS2***
Item Name: Wearplate Cup
Start Date: 7/6/2012 Start Qty: 26.00 ***26*** Cust Item ID:
Required Date: 7/16/2012 Req'd Qty: 26.00 ***26*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* QC Quality Control	QC8- Inspect parts - second check Memo	0.00 0.00		<i>mk 12/07/09</i>		<i>26</i>	<i>0</i>		
130 *130* Packaging Packaging	Identify as per dwg & Stock Location: <i>W/A 474</i> Memo <i>PB 1 x 2</i>	0.00 0.00				<i>0</i>		<i>0</i>	<i>12-7-12</i>
140 *140* QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00 0.00							

POSITIVE RECALL

EFFECTIVE *12/07/09* AUTH *MB*

RELEASED _____ DATE _____

u. 2-9-25

Picklist Print

Thursday, July 05, 2012 8:32:44 AM

Page 1

Work Order ID: 86549

Parent Item: D4379-3

Parent Item Name: Wearplate Cup

Start Date: 7/6/2012

Required Date: 7/16/2012

Start Qty: 26.00

Required Qty: 26.00

Comments: IPP REV:A NEW ISSUE 12-07-04 JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

M304R1.000

Purchased

No

f

24.4970

1.4231579

304 round bar 1.00

Location

Loc Qty

Loc Code

MAT029

24.497

109508

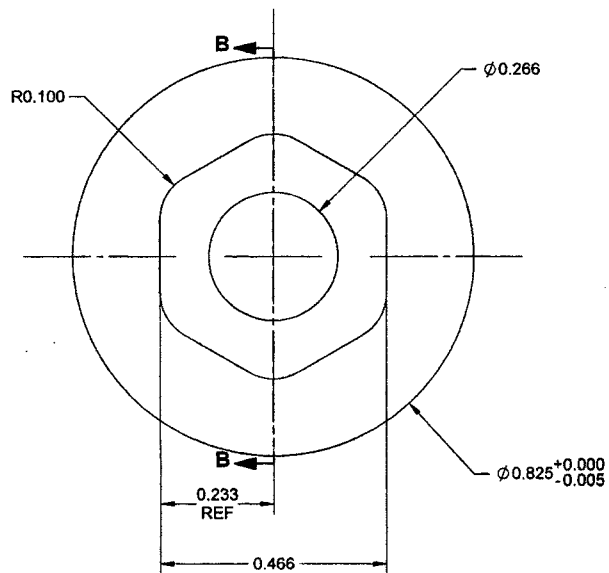
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113457

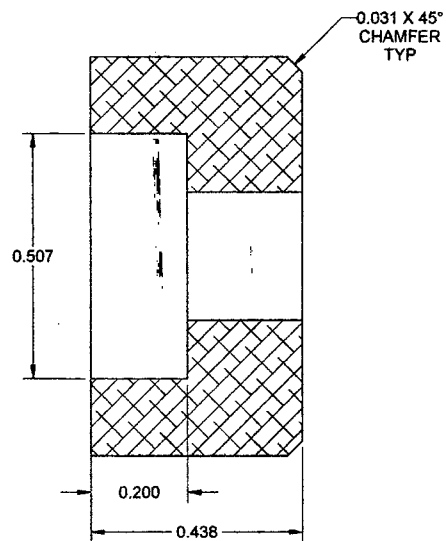
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517278

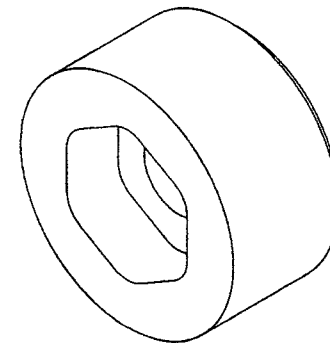
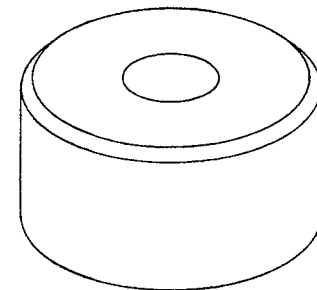
1.4231579



D4379-3 WEARPLATE CUP



SECTION B-B C7-2

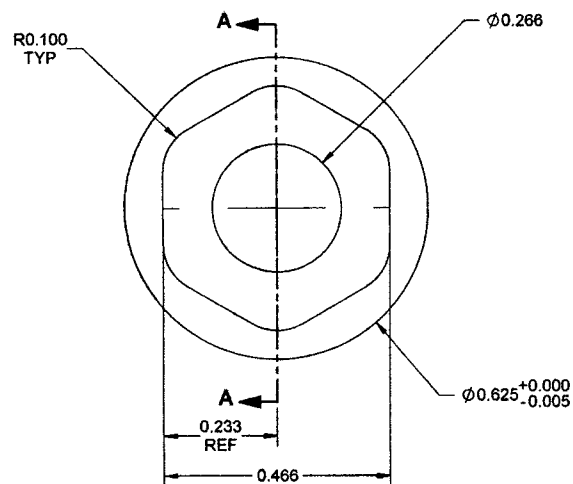


PRELIMINARY B1
12.07.04 (AP)

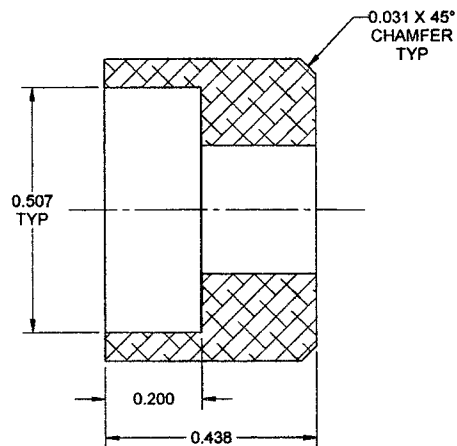
NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL ROUND BAR PER ASTM A276
REF. DART SPEC M304R
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.05 lbs

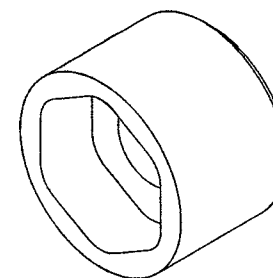
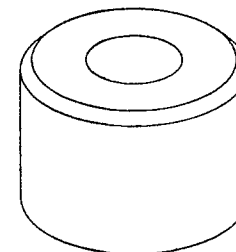
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AP		
CHECKED		DRAWING NO. D4379	REV: PB1
MFG. APPR.			SHEET 2 OF 2
APPROVED		TITLE WEARPLATE CUP	SCALE NTS
DE APPR.			
DATE	12.07.04	<small>COPYRIGHT © 2011 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



D4379-1 WEARPLATE CUP



SECTION A-A C7-1



w/o 86549

PRELIMINARY B1
12.07.04 (AP)

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL ROUND BAR PER ASTM A276
REF. DART SPEC M304R
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.02 lbs

PB1	ADD D4379-3 WEARPLATE CUP	AP	12.07.04
A	NEW ISSUE	AJS	11.03.22
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AP		
CHECKED		DRAWING NO.	REV. PB1
MFG. APPR.		D4379	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		WEARPLATE CUP	NTS
DATE	12.07.04	COPYRIGHT © 2011 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

Receiving Report

Date: 9/12/16 Batch No: M113437
 Supplier: MAGNA Dart P/O: 10948
 Packing Slip: Yes ☒ No ☐ Release Note Attached: Yes ☒ No ☐ N/A ☐
 Invoice: Yes ☐ No ☒ Waybill Attached: Yes ☐ No ☒ N/A ☐
 Receipt: Cash ☐ Cr ☒ Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC6 Inspection ☒ N/A ☒
 Work Order 02/12/17

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 *LC*

Production/Admin: 9/12/16
 Date *LC*
 Received/Costing *LC*
 Initial *LC*

Location

Page 1 of 1

All amounts are calculated in domestic currency.

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name		VC-MAG002	Magna Stainless								
PO10948	1		M304RO.750	f	12/16/2009	12/16/2009	48.4000	\$4.00	0.0000	0	\$193.60
CAD	No		304 SS Roundbar .750 113457	f	48.0000	Stores		\$193.60	0.0000	0	
	2		M304R1.000	f	12/16/2009	12/16/2009	48.8000	\$7.17	0.0000	0	\$349.73
	No		304 round bar 1.00 113457	f	48.0000	Stores		\$349.73	0.0000	0	
	3		M6061T6R1.125	f	12/16/2009	12/16/2009	60.0000	\$3.00	0.0000	0	\$180.00
	No		6061 ROUND BAR 1.125 113457	f	60.0000	Stores		\$180.00	0.0000	0	
	4		M6061T6R1.000	f	12/16/2009	12/16/2009	40.0000	\$2.10	0.0000	0	\$84.00
	No		ROUND BAR 1.00" 113457	f	40.0000	Stores		\$84.00	0.0000	0	
									Total Received Quantity:		197.2000
									Total Qty to Inspect (PO U/M):		0.0000
									Total Reject Quantity:		0.0000
									Total Receipt Value:		\$807.33
									Total Balance Due Quantity:		0.0000



Magna Stainless

5775 Kieran St, Saint-Laurent, Quebec H4S 0A3
Phone: (514) 339-1211 Watts: 1-800-363-6646 Fax: (514) 339-1105



PACKING LIST

Page 1 of 1

I020964

SOLD TO:
DART AEROSPACE LTD
1270 ABERDEEN STREET

SHIP TO:
DART AEROSPACE LTD
1270 ABERDEEN STREET

HAWKESBURY, ON
K6A 1K7
Contact: CHANTAL

HAWKESBURY, ON
K6A 1K7
Ship Terms: PREPAID

MTR:Y

SPECIAL INSTRUCTIONS

Currency		Sales Person	Customer Phone	Customer Fax	Customer PO	
CANADIAN DOLLARS		ERYCK BLAIS	(613) 632-5200	(613) 632-1053	PO10948	
Sales Order	Terms	Ship Via		Date Ordered	Date Required	Date Shipped
W023020	NET 30 DAYS	NIR:R-557065-1		12/15/09	12/16/09	12/16/09

Ordered	Back Ordered	Unit	Description	Bundle #	Heat #	Shipped
2		PC	ALUMINUM ROUND BAR ARB 6061 T6 1" x R/L			2
			20' 37 LB / 2 PC	L030870	7679	2
3		PC	ARB 6061 T6 1-1/4" x R/L			3
			20' 87 LB / 3 PC	L028176	729440	3
			STAINLESS ROUNDS			
4		PC	SRB 304 3/4" x R/L			4
			12'10" 78 LB / 4 PC	L033307	978346	4
4		PC	SRB 304 1" x R/L			4
			12'2" 132 LB / 4 PC	L033312	18023	4
Bundles: 1				Approx	Weight:	334 LB

Received by: _____ Date: _____ Signature: _____



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO10948

Purchase Order Date 12/15/09

PO Print Date 12/15/09

Page Number 1 of 2

Order From :

VC-MAG002

MAGNA STAINLESS
5775 RUE KIERAN
ST LAURENT, QC H4S 0A3
CA

FAXED
613/632/1053

Contact Name

Vendor Phone 800 363 6646

Vendor Fax 514 339 1105

Vendor Account Nbr

Buyer

Requisition Nbr

Tax Resale Nbr

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

Ship To :

DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M304RO.750	304 SS Roundbar .750	12/16/09 Yes	48.00 f	Yours ppd 48.40 12/15/10	\$4.0000	\$192.00
		Special Inst:	MATERIAL: AISI 304/316 SS ROUND BAR NOTE: AISI 303 NOT ACCEPTABLE				
2	M304R1.000	304 round bar 1.00	12/16/09 Yes	48.00 f	Yours ppd 48.80 12/15/10	\$7.1666	\$344.00
		Special Inst:	AS ABOVE				
3	M6061T6R1.125	6061 ROUND BAR 1.125	12/16/09 Yes	60.00 f	Yours ppd 109/12/10	\$3.0000	\$180.00
		Special Inst:	MATERIAL: 6061-T6T651/T6510/ T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/ 4128/4115/4116 OR ASTM B211 OR ASTM B221				

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 1

Change Date: 12/15/09



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO10948**

Purchase Order Date 12/15/09

PO Print Date 12/15/09

Page Number 2 of 2

Order From :

VC-MAG002

MAGNA STAINLESS
5775 RUE KIERAN
ST LAURENT, QC H4S 0A3
CA

Contact Name

Vendor Phone

Vendor Fax

Vendor Account Nbr

800 363 6646

514 339 1105

Buyer

Requisition Nbr

Tax Resale Nbr

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

4

M6061T6R1.000

ROUND BAR 1.00"

12/16/09

Yes

✓

40.00

Yours ppd

\$2.1000

\$84.00

Pc 9/12/16

Special Inst: AS ABOVE

PO Total:

\$800.00

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 1

Change Date: 12/15/09

VIRAJ PROFILES LIMITED

VIRAJ

Unit-V
Survey NO 110,111,114/1 C-D 116,119 & 120
Village Mahagan
Dist: THANE 401 506
MAHARASHTRA,INDIA.

TEST CERTIFICATE

CUSTOMER	ORDER NO	PACKING LIST NO	INSPECTION NO	DATE
	P00952	IMP/903753/2	100000153320	24.08.2009
			GRADE 304/304L	HEAT No 18023

BUNDLE NO :
5117071,5117070,5117069,5117072,5117073,5117074,5117075,5117076,,

DESCRIPTION
STAINLESS STEEL BRIGHT BARS

SMOOTH TURNED

SIZE	SHAPE	TOLERANCE	LENGTH	PIECES	WEIGHT
1"	ROUND	ASTM A484	12' - 14'	252	8,390.000 LB

CHEMICAL ANALYSIS

%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Cu	%Mo	%Co	%N2
0.0130	1.470	0.420	0.0210	0.0330	18.250	8.050	0.590	0.330	0.140	0.07400

TEST RESULTS

0.2% yield strength ksi	Tensile Strength ksi	Elongation %	Reduction Of Area %	Hardness BHN	Grain Size NOS
72.0	99.0	45.0	69.0	207.0	6.0

SPECIFICATION:

MATERIAL CONFIRMS TO ASTM A182/A-182M-06, A276-06 COND A, A479/A479M-06a COND A, A193/A193M-06a B8 CL-1, A320/A320M-05a B8 CL-1, A484 06b, A388/A388M-05, ASME SA182-04, SA479-04, SA 193-04 B8 CL-1, SA320-04 B8 CL-1, ASTM A314-2002. IOC SATISFACTORY AS PER ASTM A 262-02a PRACTICE E, AMS 5699Q, QQ-S-763F, NACE-MR0175-2002, AISI 304/304L, UNS#S30400/S30403. CERTIFICATION AS PER EN 10204-3.1.

REMARKS

MATERIAL IS FREE FROM MERCURY CONTAMINATION, FREE FROM WELD OR WELD REPAIRS, MICRO-FREE FROM CONTINUOUS CARBIDE NETWORK ON GRAIN BOUNDARIES. MACRO-GOOD, MINIMUM SOLUTION ANNEALING TEMPERATURE 1050C, SOAKING TIME 1hr/inch, WATER QUENCHED, MELT SOURCE:AOD. WE CONFIRM THAT THE MATERIAL HAS BEEN TESTED AND FOUND TO BE FREE FROM RADIOACTIVE CONTAMINATION.COUNTRY OF ORIGIN: INDIA.

We hereby certify that the material described above has been tested and complies with the terms of order/contract.

Suvarna
WORKS INSPECTOR
S. SUVARNA.

P007728-18023

Chantal Lavoie

From: Eryck Blais [eblais@magnastainless.com]
Sent: December 14, 2009 1:20 PM
To: 'Chantal Lavoie'
Subject: RE: quote

all stock
thank you
eryck

From: Chantal Lavoie [mailto:clavoie@dartaero.com]
Sent: Monday, December 14, 2009 11:30 AM
To: Eryck Blais
Subject: quote

Please advise price & delivery on material.
6061-t6 round bar 1" x 40 ft 2 pcs x 42.00 ea
6061-t6 round bar 1.250" x 60 ft 3 pcs 60.00 ea
304 round bar .750" x 40 ft 4 pcs 48.00 ea
304 round bar 1.00" x 40 ft 4 pcs 86.00 ea

Thanks
Chantal